

Title (en)

Thick-film conductor paste for automotive glass

Title (de)

Leitfähige Dickfilmpaste für Kraftfahrzeugfenster

Title (fr)

Pâte conductrice en couche épaisse pour vitrages automobiles

Publication

EP 1506944 A1 20050216 (EN)

Application

EP 04016947 A 20040719

Priority

US 64188903 A 20030814

Abstract (en)

A thick-film composition comprising: (a) conductive metal; (b) crystallized glass; (c) amorphous glass; and (d) organic medium.

IPC 1-7

C03C 8/22; **C03C 8/18**; **H01B 1/16**; **C03C 17/00**

IPC 8 full level

B22F 1/00 (2006.01); **B60S 1/02** (2006.01); **C03C 8/18** (2006.01); **C03C 8/22** (2006.01); **C03C 17/00** (2006.01); **C03C 17/02** (2006.01); **H01B 1/16** (2006.01); **H01B 1/20** (2006.01); **H01B 1/22** (2006.01)

CPC (source: EP KR US)

C03C 8/18 (2013.01 - EP KR US); **C03C 8/22** (2013.01 - EP KR US); **C03C 17/007** (2013.01 - EP KR US); **H01B 1/16** (2013.01 - EP US); **H01B 1/22** (2013.01 - KR); **C03C 2217/44** (2013.01 - EP KR US); **C03C 2217/475** (2013.01 - EP KR US); **C03C 2217/479** (2013.01 - EP KR US)

Citation (search report)

- [X] US 6348426 B1 20020219 - SANADA YUKIO [JP], et al
- [X] US 5066620 A 19911119 - SUNAHARA KAZUO [JP], et al
- [A] EP 0545166 A1 19930609 - DU PONT [US]

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Designated contracting state (EPC)

DE FR GB

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EP 1506944 A1 20050216; **EP 1506944 B1 20110112**; DE 602004030976 D1 20110224; JP 2005063975 A 20050310; JP 4851073 B2 20120111; KR 100674076 B1 20070126; KR 20050019055 A 20050228; TW 200516602 A 20050516; TW I367499 B 20120701; US 2005037910 A1 20050217; US 7138347 B2 20061121

DOCDB simple family (application)

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